

ABSTRACT

In an imaging apparatus, an image is to be displayed in real-time on a finder. In the finder mode, a CCD interface 21a thins out horizontal components of image data supplied from an image generating unit 10 to one-third and also effects gamma correction etc to send the resulting image data to a camera DSP 21c. The camera DSP 21c effects data conversion and resolution conversion on the image data resulting from the thinning to convert the data into Y, Cb and Cr image data which is routed to a memory controller 22. The memory controller 22 writes the image data in the image memory 32 and reads out the data from the memory controller 22 to route the read-out data over an image data bus 33 to an NTSC/PAL encoder 23. The NTSC/PAL encoder 23 converts the image data in resolution and further converts the image data into data of the NTSC or PAL system to route the resulting data to a finder.